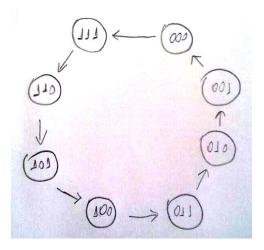
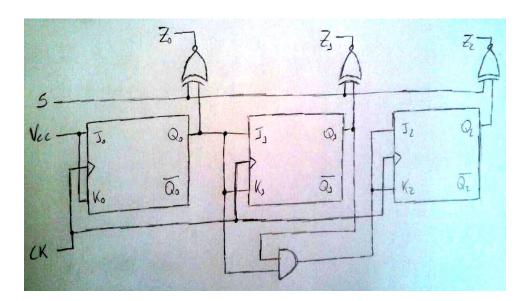
## 01

Nos contadores síncronos temos o clock conectado ao todos os FF's, de forma que a mudança de estados ocorre simultaneamente, ao contrário do que ocorre nos contadores assíncronos, em que o clock é conectado apenas ao primeiro FF, fazendo com que o atraso na resposta da saída com relação à entrada seja propagado pelos FF's, resultando em uma falta de sincronia com relação à mudança de estados.

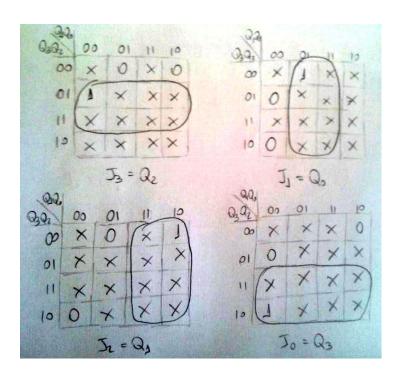
## 02

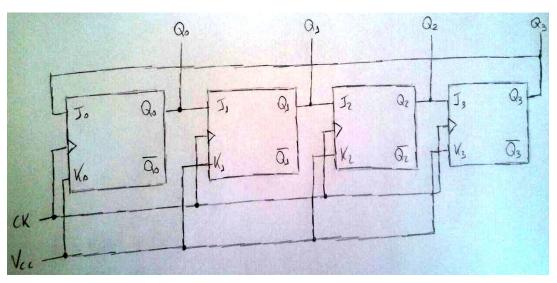


## 03

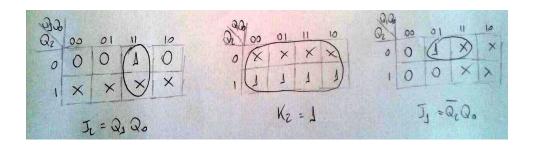


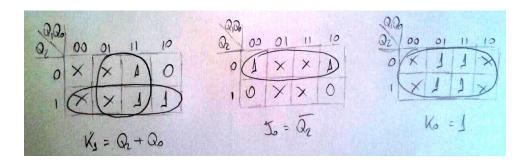
Q	Qz	Q,	Qo	J <sub>3</sub>	K3	Jz	Kz	丁	K,	I J.	Ko
0	0	0	٨	0	X	0	×	1	X	X	1
0	0	7	0	0	×	7	X	×	1	0	X
0		0	0	1	×	X	1	0	×	0	X
1	0	^	0		1	0	X	0	×	١	X

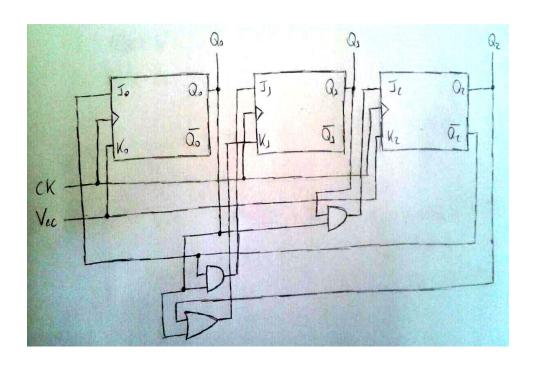




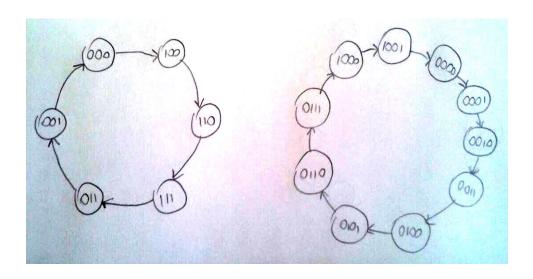
Qu	Q,	Q.	J2	Kz	Ja	K	J.	Ko
0	0	0	0	X	0	X	1	X
0	0	1	0	×	1	X	×	Δ
0	1	0	0	×	×	0	Δ	X
0	1	1	٦	X	×	1	X	7
1	0	0	×	1	0	X	0	X
1	0	1	X	1	0	X	X	1
1	1	0	×	1	X	1	0	X
J	I	1	X	1	X	7	X	1







## 



D	B	A	J,	K	Jo	K.
0	0	0	0	X	1	X
0	0	1	1	X	×	0
0	]	1	X	0	X	1
0	1	0	X	1	0	X
1	0	0	1	X	0	X
1	1	0	X	0	7	X
1	I	J	X	1	X	0
1	0	را	0	X	X	1

